

REMARKS

As a result of the foregoing amendment, claims 1-345 are still pending in the application.

Respectfully submitted,

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Dated: April 7, 2002

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MARKED UP VERSION OF AMENDED CLAIMS

30. The [computer readable medium] system of claim 29, wherein performing coordinate conversion on each set of head related transfer functions comprises performing coordinate conversion on the sets of head related transfer functions, and wherein performing coordinate conversion on the sets of head related transfer functions includes performing linear interpolation conversion on the sets of head related transfer functions.
31. The [computer readable medium] system of claim 28, wherein the execution area is further configured to divide the converted sets of head related transfer functions into demographically defined groups and to generate an average set of head related transfer functions for each group.
32. The [computer readable medium] system of claim 28, wherein the execution area is further configured to use Fourier transform techniques and a sliding filter window to decimate the average sets of head related transfer functions.
33. The [computer readable medium] system of claim 32, wherein the execution area is further configured to use a minimum mean squared estimation to decimate the average sets of head related transfer functions.
34. The [computer readable medium] system of claim 28, wherein the execution area is further configured to normalize the decimated average set of head related transfer functions.

EFFICIENT HEAD RELATED TRANSFER
FUNCTION FILTER GENERATION
Inventors: Paul Chen and Harry Lau
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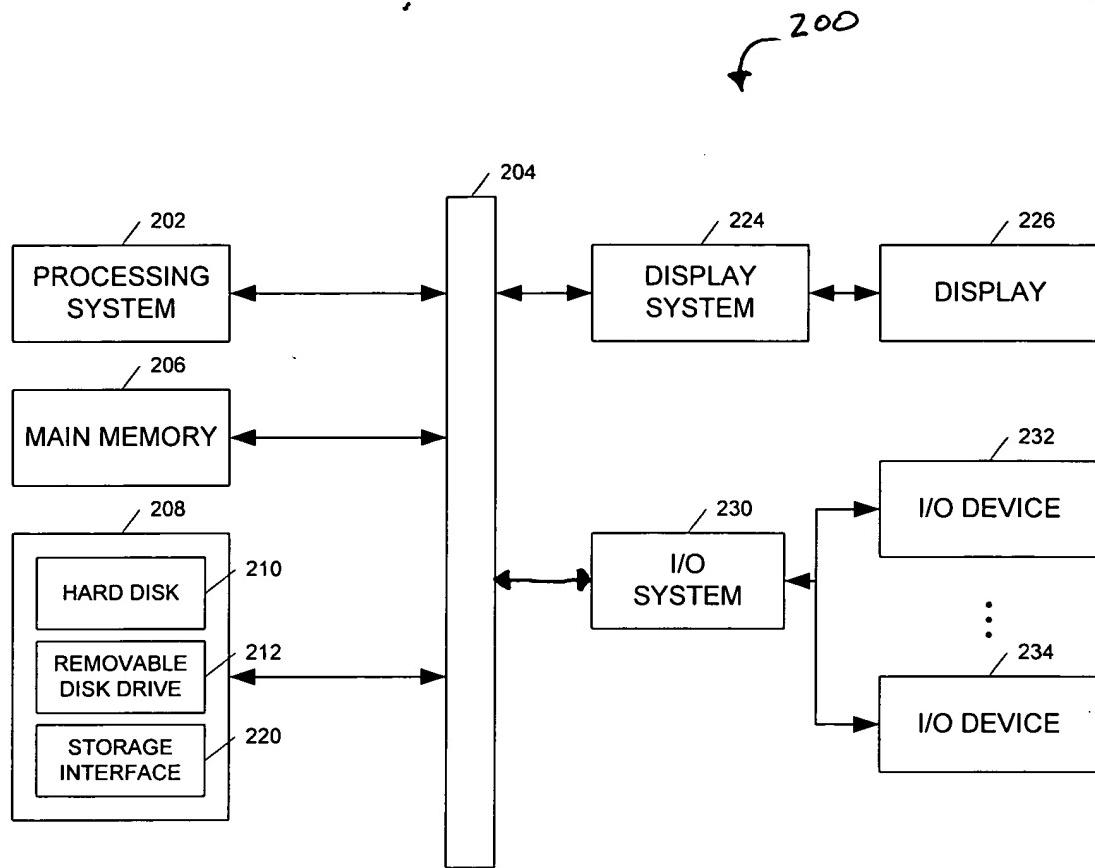


Figure 2